



 PATENT NUMBER	N. 00

U.S. **UTILITY** Patent Application

O.J.P.E.	PATENT DATE				
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SCANNED Q.A. AVID 2					

APPLICATION NO.	CONT/PRIOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
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Kyusik Sin Yingjian Chen

Spin-dependent tunneling read/write sens or for hård disk drives

PTO-2040

(1)		ISSUING C	LASSIFICATION			
ORIGINAL			CROSS REFERENCE(S)			
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
INTERNATIONA	L CLASSIFICATION					
			☐ Continued on Issue Slip Inside File Jacket			

TERMINAL		DRAWINGS		CLAIMS ALLOWED		
L DISCLAIMER	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.	
☐ The term of this patent				NOTICE OF ALL	OWANCE MAILED	
subsequent to (date) has been disclaimed.	(Assistant Examiner) (Date)					
☐ The term of this patent shall						
not extend beyond the expiration date of U.S Patent. No.				ISSUE FEE		
				Amount Due	Date Paid	
	(Primary E	xaminer)	(Date)			
The terminalmonths of this patent have been disclaimed.				ISSUE BAT	CH NUMBER	
parent have been disolatified.	(Legal Instrume	nts Examiner)	(Date)			
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